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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/982,464

DATE: 05/14/2002

TIME: 14:59:20

Input Set : N:\Crf3\RULE60\09982464.txt

Output Set: N:\CRF3\05142002\I982464.raw

3 <110> APPLICANT: Huse, William  
4       Watkins, Jeffry  
5       Wu, Herren  
7 <120> TITLE OF INVENTION: Methods of Optimizing Antibody Variable Region Binding  
Affinity

9 <130> FILE REFERENCE: AME-06352  
11 <140> CURRENT APPLICATION NUMBER: 09/982,464  
12 <141> CURRENT FILING DATE: 2002-04-16  
14 <150> PRIOR APPLICATION NUMBER: 09/434,870  
15 <151> PRIOR FILING DATE: 1999-11-04  
17 <150> PRIOR APPLICATION NUMBER: 60/159,689  
18 <151> PRIOR FILING DATE: 1999-10-14  
20 <160> NUMBER OF SEQ ID NOS: 4  
22 <170> SOFTWARE: PatentIn version 3.0  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 107  
26 <212> TYPE: PRT  
27 <213> ORGANISM: Mus musculus  
29 <400> SEQUENCE: 1

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34 Asp Arg Val Ser Leu Ser Cys Arg Ala Ser Gln Ser Ile Ser Asp Tyr  
35                   20                   25                   30  
37 Leu His Trp Tyr Gln Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile  
38                   35                   40                   45  
40 Lys Tyr Ala Ser His Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly  
41                   50                   55                   60  
43 Ser Gly Ser Gly Ser Asp Phe Thr Leu Ser Ile Asn Ser Val Glu Pro  
44 65                   70                   75                   80  
46 Glu Asp Val Gly Ile Tyr Tyr Cys Gln His Gly His Ser Phe Pro Arg  
47                   85                   90                   95  
49 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys  
50                   100                   105

52 <210> SEQ ID NO: 2  
53 <211> LENGTH: 107  
54 <212> TYPE: PRT  
55 <213> ORGANISM: Homo sapiens  
57 <400> SEQUENCE: 2

59 Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly  
60 1                   5                   10                   15  
62 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr  
63                   20                   25                   30  
65 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile  
66                   35                   40                   45

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68 Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
69      50      55      60
71 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
72 65      70      75      80
74 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp Pro Leu
75      85      90      95
77 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
78      100      105
80 <210> SEQ ID NO: 3
81 <211> LENGTH: 122
82 <212> TYPE: PRT
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88 1      5      10      15
90 Thr Val Arg Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Thr Thr Thr
91      20      25      30
93 Gly Met Gln Trp Val Gln Glu Met Pro Gly Lys Gly Leu Lys Trp Ile
94      35      40      45
96 Gly Trp Ile Asn Thr His Ser Gly Val Pro Lys Tyr Val Glu Asp Phe
97      50      55      60
99 Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Asn Thr Ala Tyr
100 65      70      75      80
102 Leu Gln Ile Ser Asn Leu Lys Asn Glu Asp Thr Ala Thr Tyr Phe Cys
103      85      90      95
105 Val Arg Ser Gly Asn Gly Asn Tyr Asp Leu Ala Tyr Phe Ala Tyr Trp
106      100      105      110
108 Gly Gln Gly Thr Leu Val Thr Val Ser Ala
109      115      120
111 <210> SEQ ID NO: 4
112 <211> LENGTH: 113
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 4
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119 1      5      10      15
121 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
122      20      25      30
124 Ala Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
125      35      40      45
127 Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
128      50      55      60
130 Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
131 65      70      75      80
133 Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
134      85      90      95
136 Ala Arg Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
137      100      105      110
139 Ser

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/982,464

DATE: 05/14/2002

TIME: 14:59:21

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